Amendments to the Claims:

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1. (Original) A storage system for protecting data on a physical volume at the file system level and permitting access to the data at the physical volume level comprising:

a first interface for file level input/output (I/O);

a second interface for block level I/O;

a plurality of physical volumes upon which logical volumes are represented;

a first controller which processes file level I/O requests; and

a second controller which processes block level I/O requests,

wherein said first and second controllers share protection information for said logical and physical volumes, and

wherein archived data is stored from said first interface and protected at the file system level, is accessed from both said first and second interfaces and is protected whichever interface is being used.

2. (Original) A storage system according to claim 1, wherein the plurality of physical volumes permits an appropriate sized file system to be created to store archived data.

- 3. (Original) A storage system according to claim 2, wherein the shared protection information is a volume status table having a plurality of entries which indicate statuses of said physical and logical volumes.
- 4. (Original) A storage system according to claim 3, wherein said entries indicate whether a volume is a logical or physical volume.
- 5. (Original) A storage system according to claim 3, wherein said entries indicate a first status of each volume defining whether the volume is protected or unprotected.
- 6. (Original) A storage system according to claim 3, wherein said entries indicate a second status of each volume defining whether the volume is exported or unexported.
- 7. (Original) A storage system according to claim 3, wherein said entries indicate a third status of each volume defining a retention period for the volume.
- 8. (Original) A storage system according to claim 8, wherein, after the retention period for the volume is expired, data in the volume can be changed by a request received at said first controller or said second controller.

- 9. (Original) A storage system according to claim 1, wherein said first controller is a network attached storage controller which processes file level I/O requests.
- 10. (Original) A storage system according to claim 1, wherein said second controller is a disk controller network attached storage controller which processes block level I/O requests.
- 11. (Original) A storage system according to claim 1, wherein said first interface is an Ethernet interface which processes file level I/O requests.
- 12. (Original) A storage system according to claim 1, wherein said second interface is a Fibre Channel interface which processes block level I/O requests.
- 13. (Original) A system for protecting data on a physical volume at the file system level and permitting access to the data at the physical volume level comprising:
 - a network attached storage (NAS) gateway; and a storage system which is connected to said NAS gateway, wherein said NAS gateway comprises:
 - a first interface for file level I/O,
 - a third interface for block level I/O, and
 - a first controller which processes file level I/O requests, wherein said storage system comprises:

a second interface for block level I/O, said second interface being connected to said third interface,

a plurality of physical volumes upon which logical volumes are represented, and

a second controller which processes block level I/O requests,

wherein said first and second controllers share protection information for said logical and physical volumes, and

wherein archived data is stored from said first interface of said NAS gateway to said second interface via said third interface and protected at the file system level, is accessed from both said first and second interfaces and is protected whichever interface is being used.

- 14. (Currently Amended) A system according to claim 13, wherein the plurality of physical volumes and which permits an appropriate sized file system to be created to store archived data.
- 15. (Original) A storage system according to claim 14, wherein the shared protection information is a volume status table having a plurality of entries which indicate statuses of said physical and logical volumes.
- 16. (Original) A storage system according to claim 15, wherein said entries indicate whether a volume is a logical or physical volume.

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- 17. (Original) A storage system according to claim 15, wherein said entries indicate a first status of each volume defining whether the volume is protected or unprotected.
- 18. (Original) A storage system according to claim 15, wherein said entries indicate a second status of each volume defining whether the volume is exported or unexported.
- 19. (Original) A storage system according to claim 15, wherein said entries indicate a third status of each volume defining a retention period for the volume.
- 20. (Original) A system according to claim 19, wherein, after the retention period for the volume is expired, data in the volume can be changed by a request received at said first controller or said second controller.
- 21. (Original) A storage system according to claim 13, wherein said first controller is a network attached storage controller which processes file level I/O requests.
- 22. (Original) A storage system according to claim 13, wherein said second controller is a disk controller network attached storage controller which processes block level I/O requests.

- 23. (Original) A storage system according to claim 13, wherein said first interface is an Ethernet interface which processes file level I/O requests.
- 24. (Original) A storage system according to claim 13, wherein said second interface is a Fibre Channel interface which processes block level I/O requests.
- 25. (Original) A storage system for protecting data on a physical volume at the file system level and permitting access to the data at the physical volume level comprising:
 - a first interface for file level input/output (I/O);
 - a second interface for block level I/O;
 - a plurality of physical volumes upon which logical volumes are represented;
 - a first controller which processes file level I/O requests; and
 - a second controller which processes block level I/O requests,

wherein said first controller changes protection information for said logical and physical volumes to protect data,

wherein the volume storing the protected data is protected from access from said second controller in accordance with the protection information.

- 26. (Original) A storage system according to claim 25, wherein the protection information is a volume status table having a plurality of entries which indicate statuses of said physical and logical volumes.
- 27. (Original) A storage system according to claim 26, wherein said entries indicate a first status of each volume defining whether the volume is protected or unprotected.
- 28. (Original) A storage system according to claim 26, wherein said entries indicate a second status of each volume defining whether the volume is exported or unexported.
- 29. (Original) A storage system according to claim 25, wherein said first controller is a network attached storage controller which processes file level I/O requests.
- 30. (Original) A storage system according to claim 25, wherein said second controller is a disk controller network attached storage controller which processes block level I/O requests.
- 31 (Original) A storage system according to claim 25, wherein said first interface is an Ethernet interface which processes file level I/O requests.

- 32. (Original) A storage system according to claim 25, wherein said second interface is a Fibre Channel interface which processes block level I/O requests.
- 33. (New) A storage system for handling input/output (I/O) requests from a plurality of servers, wherein a first server of the servers sends file I/O requests and a second server of the servers sends block I/O requests, comprising:

a storage media including a plurality of volumes, at least one of the volumes stores data of file system;

a first controller, to be coupled to the first server, conducting I/O operations in response to the file I/O requests;

a second controller, coupled to the storage media, to be coupled to the second server, conducting I/O operations in response to the block I/O requests; and

wherein at least one volume of the volumes which stores the data of file system is set to be write-protected from the second controller when the first controller receives a request from the first server to protect the file system in the storage media.

34. (New) The storage system according to claim 33, wherein the first and second controllers share protection information including a status of protection and a retention period for each of the volumes which is set at file system level by the first controller.

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35. (New) The storage system according to claim 33, wherein the first controller receives the file I/O requests via a first interface and the second controller receives the block I/O request via a second interface.